EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	32	automatic$4 with album same (email$4 e-mail$4 "electronic mail")	US-PGPUB; USPAT	OR	ON	2007/10/25 10:20
S2	24	automatic$4 with album same (email$4 e-mail$4 "electronic mail") and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/25 10:21
S3	3	automatic$4 with album with (insert$4 add$4) same (e-mail$4 email$4)	US-PGPUB; USPAT	OR	ON	2007/10/15 14:16
S4	27	automatic$4 same album with (insert$4 add$4) same (e-mail$4 email$4) not S3	US-PGPUB; USPAT	OR	ON	2007/10/16 06:50
S5	15	automatic$4 same album with (insert$4 add$4) same (e-mail$4 email$4) not S3 and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/15 14:24
S6	67	automatic$4 with (insert$4 add$4 populat$4) with album	US-PGPUB; USPAT	OR	ON	2007/10/16 06:51
S7	43	automatic$4 with (insert$4 add$4 populat$4) with album and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/16 07:13
S8	90	automatic$4 with (insert$4 add$4 populat$4) same album and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/16 07:13
S9	47	automatic$4 with (insert$4 add$4 populat$4) same album and (@ad<"20031112" @rlad<"20031112") not S7	US-PGPUB; USPAT	OR	ON	2007/10/16 07:13
S10	0	709/206.ccls. and automatic$4 with (insert$4 add$4 populat$4) same album and (@ad<"20031112" @rlad<"20031112") not S7	US-PGPUB; USPAT	OR	ON	2007/10/16 11:00
S11	11	709/206.ccls. and (transmit$4 shar$4) with (photo picture) same album	US-PGPUB; USPAT	OR	ON	2007/10/22 07:06
S12	2	"20040201709"	US-PGPUB; USPAT	OR	ON	2007/10/16 11:14
S13	10	709/206.ccls. and (transmit$4 shar$4) with (photo picture) same album and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/22 07:14

S15	8	709/206.ccls. and (populat$4 updat$4 stor$4) with album and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/22 07:14
S16	4	709/206.ccls. and (populat$4 updat$4 stor$4) with album and (@ad<"20031112" @rlad<"20031112") not S13	US-PGPUB; USPAT	OR	ON	2007/10/23 15:32
S17	2132	(populat$4 updat$4 stor$4) with album and (@ad<"20031112" @rlad<"20031112") not S13	US-PGPUB; USPAT	OR	ON	2007/10/22 07:21
S18	238	automatic$5 same (populat$4 updat$4 stor$4) with album and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/22 07:22
S19	74	automatic$5 same (populat$4 updat$4 stor$4) with album same (photo$5 picture) and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/22 07:22
S20	79	automatic$5 same (populat$4 updat$4 stor$4) with album same (photo$6 picture) and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/22 07:22
S21	48	709/206.ccls. and attachment with filter	US-PGPUB; USPAT	OR	ON	2007/10/23 15:32
S22	21	(photo$6 picture image) same attachment with filter same (email$4 e-mail$4 "electronic mail")	US-PGPUB; USPAT	OR	ON	2007/10/24 09:39
S23	160	(photo$6 picture image) same attachment with download$4 same (email$4 e-mail$4 "electronic mail")	US-PGPUB; USPAT	OR	ON	2007/10/24 10:29
S24	8	(photo$6 picture image) same attachment with automatic$6 with download$4 same (email$4 e-mail$4 "electronic mail")	US-PGPUB; USPAT	OR	ON	2007/10/24 10:41
S25	13	709/206.ccls. and (photo picture image) with attachment same identifier	US-PGPUB; USPAT	OR	ON	2007/10/24 10:50
S26	20	709/206.ccls. and (photo picture image) with attachment same download$4	US-PGPUB; USPAT	OR	ON	2007/10/24 10:55
S27	1	"20040153517"	US-PGPUB; USPAT	OR	ON	2007/10/25 10:21
S28	2	"20040201709"	US-PGPUB; USPAT	OR	ON	2007/10/25 10:21

```
Set     Items    Description
S1       8175    EMAIL? OR WEBMAIL? OR EMESSAG? OR ECORRESPOND? OR PICTUREM-
                 AIL? OR PHOTOMAIL? OR FOTOMAIL? OR VIDEOMAIL? OR HOTMAIL?
S2     286729    MAIL OR MESSAGE? ? OR CORRESPONDENCE? ?
S3      42501    (E OR ELECTRONIC OR WEB OR VIRTUAL OR CYBER OR DIGITIS?? OR
                 DIGITIZ?? OR DIGITAL OR COMPUTER OR COMPUTERIS?? OR COMPUTER-
                 IZ??)()S2
S4    1375230    PHOTOGRAPH?? OR PHOTO? ? OR FOTO? ? OR PICTURE? ? OR VIDEO?
                 ? OR PICTORIAL? OR PIX OR PIC OR PICS OR VIDEOIMAGE?
S5    6016164    IMAGE? ? OR GRAPHIC?? OR DRAWING? ? OR ILLUSTRATION? ?
S6     689791    AUDIOVISUAL? OR AUDIO? ? OR AV OR MULTIMEDIA? OR MEDIA OR -
                 POLYMEDIA OR AUDIOVIDEO? OR SOUND OR MPEG OR MPG OR MP3 OR SO-
                 NG? ? OR MUSIC??
S7      41957    TUNE OR TUNES OR JPG OR JPEG OR AUDIODATA OR VIDEODATA OR -
                 MUSICVIDEO?
S8         57    MEDIAFILE? OR IMAGEFILE? OR SONGFILE? OR AUDIOFILE? OR SOU-
                 NDFILE? OR MUSICFILE? OR VIDEOFILE? OR VIDEOCLIP? OR FILMCLIP?
                 OR AVFILE?
S9     348650    S4:S8(5N)(SEND??? OR SENT OR TRANSMIT? OR TRANSMISSION? ? -
                 OR TRANSFER??? OR TRANSFERR??? OR XFER? OR RELOCAT? OR REDIRE-
                 CT? OR REROUT??? OR RE()DIRECT???? OR ROUT???)
S10    214800    S4:S8(5N)(FILTER??? OR FILTR? OR SCREEN? OR MONITOR? OR SN-
                 IFF??? OR SNOOP?)
S11    410301    S4:S8(5N)(MOVE? ? OR MOVING OR INSERT????? OR STORE? ? OR -
                 STORING OR STORAGE OR FILE? ? OR FILING OR DEPOSIT??? OR FORW-
                 ARD???)
S12    210867    ALBUM? OR FOLDER? OR PHOTOALBUM? OR FILE OR FILES OR SMART-
                 FOLDER? OR SUBFOLDER?
S13     45638    S9:S11(30N)S12
S14      4504    S13 AND S1:S2
S15    344184    S4:S8(5N)(DETECT???? OR DISCERN? OR DETERMIN? OR DET? ? OR
                 CHECK? OR CHEQU? OR FIND??? OR FOUND OR LOOK??? OR DISCRIMINA-
                 T? OR EXAMIN??? OR EXAMINATION)
S16    141245    S4:S8(5N)(OBSERV??? OR OBSERVATION? ? OR IDENTIFY? OR IDEN-
                 TIFIC? OR IDENTIFIE?? OR RECOGNIT? OR RECOGNIZ? OR RECOGNIS? -
                 OR ASCERTAIN? OR INSPECT?)
S17     43512    S9:S11(10N)S12
S18      4261    S17 AND S1:S2
S19       816    S18 AND S15:S16
S20       308    S19 AND S4
S21     37870    ALBUM? OR FOLDER? OR PHOTOALBUM? OR SMARTFOLDER? OR SUBFOL-
                 DER?
S22        18    S20 AND S21
S23     25487    S9:S11(5N)(AUTOMATIC? OR SMART OR TRANSPAREN? OR DYNAMIC? -
                 OR INDEPENDENT? OR INSTANT? OR FLY OR AUTONOMOUS?)
S24       425    S9:S11(5N)(INTELLIGENT? OR INTUIT? OR BEHIND(1W)SCENE? ?)
S25        97    S19 AND S23:S24
S26        56    S25 AND PY=1963:2003
S27        57    S25 AND AY=1963:2003 AND AC=US
S28        72    S26:S27 NOT S22
S29        56    S28 AND (MAIL OR MESSAGE?)
S30    124867    S9:S11(5N)(ATTACH??? OR ATTACHMENT? ? OR EMBED? OR IMBED? -
                 OR INCLUD? OR INCLUSION? OR INCORPORAT? OR CONTAIN???)
S31      1319    S9:S11(5N)(APPEND? ? OR APPENDED OR APPENDING OR ENCLOS? OR
                 INCLOS?)
S32       137    S20 AND S30:S31
S33      2840    S9:S11(30N)S21
S34       220    S33 AND S1:S2
S35        82    S34 AND S30:S31
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S36        74    S35 NOT (S22 OR S29)
S37        30    S36 AND PY=1963:2003
S38        27    S36 AND AY=1963:2003 AND AC=US
S39        40    S37:S38
? t39/69,k/16,19,24
```

39/69,K/16   (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0013408327 - Drawing available
WPI ACC NO: 2003-498680/ 200347
XRPX Acc No: N2003-396511
Digital image storage device for personal computer, stores e-mail and
digital image received using e- mail receiver, in reception mail
folder and image storage portion, respectively
Patent Assignee: NIKON CORP (NIKR); NIKON GIJUTSU KOBO KK (NIKO-N)
Inventor: NOMOTO T
Patent Family (1 patents, 1 countries)
Patent   Application
Number   Kind Date   Number   Kind   Date   Update
JP 2003114854   A   20030418 JP 2001307216   A   20011003 200347 B

Priority Applications (no., kind, date): JP 2001307216 A   20011003

Patent Details
Number   Kind Lan   Pg   Dwg   Filing Notes
JP 2003114854   A   JA   11   13

   Alerting Abstract JP A
   NOVELTY - An e- mail receiver receives an e- mail along with the
digital images , and stores the e- mail in a reception mail folder .
An image management portion stores the received digital images on an
image storage portion.
   DESCRIPTION - An INDEPENDENT CLAIM is also included for e- mail
preparation device.
   USE - Used for storing digital images in personal computer.
   ADVANTAGE - Large number of digital images are stored in PC, and the
desired image is easily searched and retrieved.
   DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the
digital image storage device. (Drawing includes non-English
language text).

Title Terms/Index Terms/Additional Words: DIGITAL; IMAGE; STORAGE; DEVICE;
   PERSON; COMPUTER; MAIL ; RECEIVE; RECEPTION; FOLDER; PORTION; RESPECTIVE

Class Codes
International Classification (Main): G06F-013/00
  (Additional/Secondary): G06F-017/30, G06T-001/00, H04N-001/21

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05B2; T01-J05B2A; T01-N01C
Digital image storage device for personal computer, stores e-mail and
digital image received using e- mail receiver, in reception mail
folder and image storage portion, respectively

   Alerting Abstract ...NOVELTY - An e- mail receiver receives an e- mail
along with the digital images , and stores the e- mail in a reception
mail folder . An image management portion stores the received digital
 images on an image storage portion.DESCRIPTION - An INDEPENDENT CLAIM
is also included for e- mail preparation device...

...DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the
digital image storage device. (Drawing includes non-English

language text).

Title Terms.../Index Terms/Additional Words: MAIL ;

    ...

...

  39/69,K/19   (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0013338644 - Drawing available
WPI ACC NO: 2003-426242/ 200340
XRPX Acc No: N2003-340560
Electronic album generation program processes storage of attachment
image data extracted from electronic mail based on analysis of text/code
describing image attribute
Patent Assignee: ICK TECHNO KK (ICKT-N); ITO TADASHI KENZAI KK (ITOT-N)
Inventor: SUGIE H
Patent Family (1 patents, 1 countries)
Patent   Application
Number   Kind Date. Number   Kind Date   Update
JP 2003141031   A   20030516 JP 2001339353   A   20011105 200340 B

Priority Applications (no., kind, date): JP 2001339353 A   20011105

Patent Details
Number   Kind Lan   Pg Dwg Filing Notes
JP 2003141031   A   JA   15   17

   Alerting Abstract JP. A
· NOVELTY - The program processes extraction of image data (20) attached to
an electronic mail (30) and the storage of the extracted image in a
specific memory area, based on the analysis of a predetermined text/code
describing an attribute of the image.
   DESCRIPTION - An INDEPENDENT CLAIM is also included for electronic album
generation method.
   USE - For generating electronic album of images attached to electronic
mail in computer, personal digital assistant (PDA) and digital camera with
mailing facility.
   ADVANTAGE - Enables to quickly generate an electronic album automatically
based on attribute code/text of the image.
   DESCRIPTION OF DRAWINGS - The figure shows the schematic block diagram of
the album management site. (Drawing includes non-English language text).
    1 album management site
    3 mail server
    20 image data
    30 electronic mail
    41 image management application

Title Terms/Index Terms/Additional Words: ELECTRONIC; ALBUM; GENERATE;
  PROGRAM; PROCESS; STORAGE; ATTACH; IMAGE; DATA; EXTRACT; MAIL ; BASED;
  ANALYSE; TEXT; CODE; DESCRIBE; ATTRIBUTE
Class Codes
International Classification (Main): G06F-013/00
 (Additional/Secondary): G06F-017/60

File Segment: EPI;
DWPI Class: T01
. Manual Codes (EPI/S-X): T01-H

Electronic album generation program processes storage of attachment
image data extracted from electronic mail based on analysis of text/code
describing image attribute

Alerting Abstract ...NOVELTY - The program processes extraction of image data (20) attached to an electronic mail (30) and the storage of the extracted image in a specific memory area, based on...
...USE - For generating electronic album of images attached to electronic mail in computer, personal digital assistant (PDA) and digital camera with mailing facility...

...3 mail server...

...30 electronic mail

Title Terms.../Index Terms/Additional Words: MAIL ;

     ...
...

 39/69,K/24   (Item 22 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0012730358 - Drawing available
WPI ACC NO: 2002-582671/ 200262
XRPX Acc No: N2002-462057
Secure electronic distribution method for personal computer, involves installing attached media files on storage component of recipient computer and saving to disable subsequent installation
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: ADIANO C A; HURD J J; KNIGHT M T
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20020073312	A1	20020613	US 2000733737	A	20001208	200262	B

Priority Applications (no., kind, date): US 2000733737 A 20001208

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020073312	A1	EN	14	10	

   Alerting Abstract US A1
   NOVELTY - Software media files are send to a recipient computer by appending the files as an attachment to an electronic mail message . The message is opened in a mail folder and the files are installed on a storage component of the recipient. The files are marked and saved to disable a subsequent installation.
   DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

   1.Distributed application enabling method;

   2.Computer readable medium containing computer program product for secure electronic distribution;

   3.Secure electronic distribution system; and

   4.Client device.

   USE - For securing electronic distribution for personal computer, laptop, etc.
   ADVANTAGE - The users can access the mail database simultaneously and the user can send, receive, forward, delete , read, and answer the messages , thereby enabling the users and others in the organization to access the information centrally and share it effectively.

DESCRIPTION OF DRAWINGS - The figure shows a flowchart illustrating the processing logic for enabling software application.

Title Terms/Index Terms/Additional Words: SECURE; ELECTRONIC; DISTRIBUTE; METHOD; PERSON; COMPUTER; INSTALLATION; ATTACH; MEDIUM; FILE; STORAGE; COMPONENT; RECIPIENT; SAVE; DISABLE; SUBSEQUENT

Class Codes
International Classification (Main): H04L-009/00
US Classification, Issued: 713165000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-N01C; T01-N01D1; T01-N02B1; T01-S03

Secure electronic distribution method for personal computer, involves installing attached media files on storage component of recipient computer and saving to disable subsequent installation

Alerting Abstract ...NOVELTY - Software **media** **files** are **send** to a recipient computer by **appending** the files as an attachment to an electronic **mail** **message** . The **message** is opened in a **mail** **folder** and the files are installed on a storage component of the recipient. The files are...
...ADVANTAGE - The users can access the **mail** database simultaneously and the user can send, receive, forward, **delete** , read, and answer the **messages** , thereby enabling the users and others in the organization **to** access the information centrally and share it effectively...

Original Publication Data by Authority

Original Abstracts:
Secure software distribution is initiated by **sending** software **media** **files** **to** a **recipient** **machine** as an **attachment** to an electronic **mail** message. The software **media** **files** include an **installation** **script** that copies the program **files** and creates the icons necessary to run the application. The recipient opens the electronic **mail** **message** in his **mail** **folder** and clicks **on** an installation button to activate execution of the installation script. After successful completion of the installation...

...Marking of the installation script as "used" also disables the forwarding mechanism of the electronic **mail** software to prevent **the** user from accessing a second copy of the software. When the recipient saves the electronic **mail** **message** , the "used" **flag** is set and the script can continue. The installation script stores the encrypted hard drive serial...
Claims:
...1. A method for the secure electronic distribution of software media files using an electronic **mail** application as a **delivery** mechanism, comprising the acts of:sending the software media files to a recipient computer by appending the **media** **files** **as** **an** attachment to an electronic mail message;opening **the** **electronic** mail message in the mail folder of the recipient;installing the attached **media** **files** on a **storage** component of the recipient computer; andmarking the **media** **files** **as** **used** and saved **to** disable a subsequent installation.
Basic Derwent Week: 200262

0015084006 - Drawing available
WPI ACC NO: 2005-433462/200544
XRPX Acc No: N2005-351669
**Streamlined photo distribution system in electronic network,
automatically creates** photo **message with** photo **data and** photo
identifier to request special handling of photo **data, and transmits**
photo **message over network to target device**
Patent Assignee: NASON B (NASO-I); SONY COMPUTER ENTERTAINMENT INC (SONY)
  ; TU E A (TUEA-I)
Inventor: NASON B; TU E A
Patent Family (2 patents, 106 countries)
Patent   Application

Number	Kind	Date	Number	Kind	Date	Update	
US 20050114459	A1	20050526	US 2003706157	A	20031112	200544	B
WO 2005050516	A1	20050602	WO 2004US36400	A	20041103	200544	E

Priority Applications (no., kind, date): US 2003706157 A 20031112

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050114459	A1	EN	22	10	
WO 2005050516	A1	EN			

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW
    BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
    HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
    MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
    TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES
    FI FR GB GH GM GR HU IE IS IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE
    SI SK SL SZ TR TZ UG ZM ZW

  Alerting Abstract US A1
  NOVELTY - A **photo** source device utilizing a source **mail** program,
automatically creates **photo message with photo** data and **photo
identifier** to request special handling of the **photo** data, and transmits
photo message over network to a designated target device. The target
device utilizing a target **mail** program, downloads the **message** and
detects the **photo identifier** to view of the **photo** data, and **stores**
the data in the **album** .
  DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

  1.streamlined photo distribution method ; and

  2.computer readable medium storing streamlined photo distribution
    program.

  USE - For distributing streamlined **photo** captured using camcorder,
digital camera, **webcam** device or cell phone with camera in electronic
network such as internet.
  ADVANTAGE - Enables performing streamlined **photo** distribution
effectively.
  DESCRIPTION OF DRAWINGS - The figure shows a flowchart explaining **photo
message** transmission process.

Title Terms/Index Terms/Additional Words: STREAMLINED; **PHOTO** ; DISTRIBUTE;
   SYSTEM; ELECTRONIC; NETWORK; AUTOMATIC; **MESSAGE** ; DATA; IDENTIFY;
   REQUEST; SPECIAL; HANDLE; TRANSMIT; TARGET; DEVICE

Class Codes
International Classification (Main): G06F-015/16, G06F-017/60
US Classification, Issued: 709207000

File Segment: EPI;
DWPI Class: T01; W02; W04
Manual Codes (EPI/S-X): T01-N01D1B; T01-S03; W02-F07M5; W04-K; W04-M01D8

29/5,K/6   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0016669285 - Drawing available
WPI ACC NO: 2007-384370/ 200736
XRPX ACC No: N2007-287529
E- mail image attaching method for smart printer involves returning
completed image files back to JVM firmware which repackages each image
  file type as e- mail MIME encoded image attachment, and returns images
back to originator
Patent Assignee: LESTER S (LEST-I); SFAELOS J (SFAE-I)
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
RD 472070	A	20030810	RD 2003472070	A	20030810	200736	B

Priority Applications (no., kind, date): RD 2003472070 A 20030810

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
RD 472070	A	EN	3	1	

Alerting Abstract RD A
  NOVELTY - Network printers receives print jobs from customers via e- mail
 and delivers e- mail to JVM firmware that reads MIME encoding,
determines attachment image and redirects file to correct printer
page description language (PDL) for processing and rendering to desired
image files . The PDL returns completed image files back to JVM
firmware, which repackages each image file as e- mail MIME encoded
image attachments, and returns images back to originator.
  USE - For smart printer with Embedded Web Service (EWS) and Java Virtual
Machine (JVM).
  ADVANTAGE - Enables customers of network printers with EWS and JVM to
send print jobs composed of e- mail attachments across firewalls to
network printers with e- mail subject line and main body instructions and
to direct each e- mail job attachment to the correct printer PDL for
rendering into images and then to either print and deliver finished paper
output or to repackage the rendered images as e- mail image attachments
sent back to tee originator for proofing with the instructions for
selecting the image attachment for final printing and billing.
  DESCRIPTION OF DRAWINGS - The figure shows the flowchart of the e- mail
attaching method for smart printer.

Title Terms/Index Terms/Additional Words: MAIL ; IMAGE; ATTACH; METHOD;
  SMART; PRINT; RETURN; COMPLETE; FILE; BACK; FIRMWARE; TYPE; ENCODE
Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
  H04L S I F R 20060101

File Segment: EPI;
DWPI Class: T01; W01
Manual Codes (EPI/S-X): T01-C05A1; T01-F01B1; T01-F07; T01-J10D; T01-N01C;
  T01-N01D1B; T01-N02B1D; T01-N03B1; T01-N03B2; W01-A03B; W01-A06F3;
  W01-A06G2

customers via e- mail and delivers e- mail to JVM firmware that reads
MIME encoding, **determines** attachment **image** and **redirects** **file** to
correct printer page description language (PDL) for processing and
rendering to desired **image** **files** . The PDL returns completed **image**
files back to JVM firmware, which repackages each **image** **file** as e-
mail MIME encoded **image** attachments, and returns images back to
originator....customers of network printers with EWS and JVM to send print
jobs composed of e- mail attachments across firewalls to network printers
with e- mail subject line and main body instructions and to direct each e-
mail job attachment to the correct printer PDL for rendering into images
and then to either print and deliver finished paper output or to repackage
the rendered images as e- mail image attachments sent back to tee
originator for proofing with the instructions for selecting the...

...DESCRIPTION OF DRAWINGS - The figure shows the flowchart of the e- mail
attaching method for smart printer.

Title Terms/Index Terms/Additional Words: **MAIL** ;

...
Basic Derwent Week: **200736** ...

 29/5,K/19   (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0014263588 - Drawing available
WPI ACC NO: 2004-449926/200442
Related WPI Acc No: 2004-432018; 2004-441021; 2004-449935; 2004-668831;
  2004-697363; 2004-748453; 2005-162599; 2005-488272
XRPX ACC NO: N2004-356067
**Communicated multimedia object e.g. picture image saving method, involves
saving embedded/attached multimedia object separated from electronic
message to repository, and enabling user to select object from repository
for use**
Patent Assignee: AMERICA ONLINE INC (AMON-N); APPELMAN B (APPE-I); GANG D
  (GANG-I)
Inventor: APPELMAN B; GANG D
Patent Family (3 patents, 104 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2004046949	A1	20040603	WO 2003US36798	A	20031118	200442	B
US 20040153517	A1	20040805	US 2002426806	P	20021118	200452	E
			US 2002427957	P	20021121		
			US 2003488376	P	20030721		
			US 2003488749	P	20030722		
			US 2003715210	A	20031118		
AU 2003291043	A1	20040615	AU 2003291043	A	20031118	200470	E

Priority Applications (no., kind, date): US 2003715210 A 20031118; US
  2003488376 P 20030721; US 2002427957 P 20021121; US 2002426806 P
  20021118; US 2003488749 P 20030722

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2004046949	A1	EN	30	5	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY
    BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
    IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
    NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA
    UG US UZ VC VN YU ZA ZM ZW
Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES
    FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL
    SZ TR TZ UG ZM ZW

US 20040153517   A1   EN   Related to Provisional   US 2002426806
                                             Related to Provisional   US 2002427957

                                             Related to Provisional   US 2003488376
                                             Related to Provisional   US 2003488749
AU 2003291043   A1   EN   Based on OPI patent   WO 2004046949

Alerting Abstract WO A1
   NOVELTY - The method involves **identifying** an embedded **multimedia**
object or an attached multimedia object in response to a sent electronic
message and a received electronic **message** . The embedded multimedia
object or the attached multimedia object is separated from the **message** .
The separated multimedia object is saved to a repository for subsequent use
by a user. The user is enabled to select the object from the repository for
use.
   DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

   1.an apparatus for saving communicated multimedia objects to a repository

   2.a system for saving communicated multimedia objects to a repository.

   USE - Used for saving communicated multimedia objects which include a
picture image, a non-picture image e.g. **an   emoticon** , an **audio   file**
and /or **video   file** to a **repository** .
   ADVANTAGE - The method automatically saves the communicated multimedia
objects to the **repository** for subsequent use **by** the user. The user can
insert the saved object in other electronic **messages** e.g. electronic
mails and instant **messages** **and** designate the object to be made
available on a network, such as made available on a web page on the
Internet.
   DESCRIPTION OF DRAWINGS - The drawing shows a flow chart for handling a
multimedia object associated with an electronic **message** .

Title Terms/Index Terms/Additional Words: COMMUNICATE; OBJECT; PICTURE;
   IMAGE; SAVE; METHOD; EMBED; ATTACH; SEPARATE; ELECTRONIC; **MESSAGE** ;
   REPOSITORY; ENABLE; USER; SELECT

Class Codes
International Classification (Main): G06F-015/16
US Classification, Issued: 709206000

File Segment: EPI;
DWPI Class: T01; W04
Manual Codes (EPI/S-X): T01-J10C; T01-J30; W04-N05C3

...e.g. **picture image saving method**, involves saving embedded/attached
multimedia object separated from electronic message to repository, and
enabling user to select object from repository for use

Original Titles:
HANDLING A MULTIMEDIA OBJECT ASSOCIATED WITH AN ELECTRONIC **MESSAGE**
...

...Handling a multimedia object associated with an electronic **message**
...

...HANDLING A MULTIMEDIA OBJECT ASSOCIATED WITH AN ELECTRONIC **MESSAGE**
...

...MANIPULATION D'UN OBJET MULTIMEDIA ASSOCIE A UN **MESSAGE** ELECTRONIQUE

   Alerting Abstract ...NOVELTY - The method involves **identifying** an
embedded **multimedia** object or an attached multimedia object in response
to a sent electronic **message** and a received electronic **message** . The

embedded multimedia object or the attached multimedia object is separated
from the message . The separated multimedia object is saved to a
repository for subsequent use by a user...
...saving communicated multimedia objects which include a picture image, a
non-picture image e.g. an   emoticon , an audio   file   and /or video
 file to a repository .
  ...

...ADVANTAGE - The method automatically saves the communicated multimedia
objects to the repository for subsequent use by the user. The user can
insert the saved object in other electronic messages e.g. electronic
mails and instant messages   and designate the object to be made
available on a network, such as made available on a web page on the
Internet...

...The drawing shows a flow chart for handling a multimedia object
associated with an electronic message .

Title Terms.../Index Terms/Additional Words: MESSAGE ;

Original Publication Data by Authority

Original Abstracts:
...multimedia objects to a repository for subsequent use includes in
response to a sent electronic message and a received electronic
message , identifying an embedded multimedia   object or an attached
multimedia object. The embedded multimedia object or the attached
multimedia object is separated from the electronic message . The separated
multimedia object is automatically saved to a repository for subsequent
use by a user and the user...

...Automatically saving communiated multimedia objects to a repository for
subsequent use (4A) includes in response to a sent electronic message
 and a received electronic message , identifying an embedded multimedia
 object or an attached multimedia   object (410). The embedded
multimedia object or the attached multimedia object is separated from the
electronic message (420). The separated multimedia object is
automatically saved to a repository for subsequent use by a user (430)
and the user is able to...

...un organe d'archivage en vue d'une utilisation ulterieure consiste, en
reponse a un message electronique recu et a un message electronique
envoye, a identifier un objet multimedia   integre ou un objet
multimedia annexe. L 'objet multimedia integre ou l'objet multimedia
 est separe du message electronique est sauvegarde automatiquement dans
un organe d'archivage d'ou il peut etre extrait pour utilisation
ulterieure par un utilisateur.
Claims:
...claimed is:1. A method of automatically saving communicated
multimedia objects to a repository for subsequent use, the method
comprising:in response to a sent electronic message and a received
electronic message , identifying an embedded multimedia object or an
attached multimedia object; separating   the embedded multimedia
object or the attached multimedia object from the electronic message
;automatically saving the separated multimedia object to a repository for
subsequent use by a user; andenabling the user to select the multimedia
object from the repository for...
...Basic Derwent Week: 2003WO-US0036798

 29/5,K/23   (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0013583173 - Drawing available
WPI ACC NO: 2003-677839/ 200364
XRPX Acc No: N2003-541115
Electronic mail transmission device, recognizes character code string in
e- mail text and reproduces attachment file by referring that file stored
in memory
Patent Assignee: HAYASHI K (HAYA-I); SHARP KK (SHAF)
Inventor: HAYASHI K
Patent Family (3 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20010054074	A1	20011220	US 2001800480	A	20010308	200364	B
JP 2002073507	A	20020312	JP 2001162034	A	20010530	200372	E
US 6816835	B2	20041109	US 2001800480	A	20010308	200474	E

Priority Applications (no., kind, date): US 2001800480 A 20010308; JP
  2000179295 A 20000615

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20010054074	A1	EN	16	12	
JP 2002073507	A	JA	18		

   Alerting Abstract US A1
   NOVELTY - An electronic mail text and an attachment file are stored in
a memory. A character code string is inserted in the electronic mail
text, to designate the reproduction position of the attachment file. When
the electronic mail device recognizes the character code string, it
refers the attachment file stored in the memory and reproduces the file.
   USE - For reproduction of **audio / video** data in **files** attached to
electronic mail.
   ADVANTAGE - Enables enjoying audio-visually reproducible electronic mail
 with easier operation. Refers an attachment **music file** and reproduces
music data and **automatically** returns to reading the next phrase of mail
 text after completion of reproduction of **music file** .
   DESCRIPTION OF DRAWINGS - The figure shows the flowchart depicting a
procedure for reproducing a content of a received electronic mail
prepared and transmitted by an electronic mail device.

Title Terms/Index Terms/Additional Words: ELECTRONIC; **MAIL** ; TRANSMISSION;
   DEVICE; RECOGNISE; CHARACTER; CODE; STRING; TEXT; REPRODUCE; ATTACH; FILE
   ; REFER; STORAGE; MEMORY
Class Codes
International Classification (Main): G06F-013/00, G06F-015/16, G10L-013/00
  (Additional/Secondary): G06F-003/16
US Classification, Issued: 709206000, 709246000, 704260000, 704270000,
  707101000

File Segment: EngPI; EPI;
DWPI Class: T01; P86
Manual Codes (EPI/S-X): T01-N01C; T01-N01D1

Electronic mail transmission device, recognizes character code string in
e- mail text and reproduces attachment file by referring that file stored
in memory

Original Titles:
ELECTRONIC **MAIL** SYSTEM AND ELECTRONIC **MAIL** DEVICE...

...Electronic **mail** system and device...

...Electronic **mail** system and device

   Alerting Abstract ...NOVELTY - An electronic mail text and an
attachment file are stored in a memory. A character code string is inserted

in the electronic mail text, to designate the reproduction position of the attachment file. When the electronic mail device recognizes the character code string, it refers the attachment file stored in the memory ...

USE - For reproduction of **audio / video** data in **files** attached to electronic mail...

...ADVANTAGE - Enables enjoying audio-visually reproducible electronic mail with easier operation. Refers an attachment **music file** and reproduces **music** data and **automatically** returns to reading the next phrase of **mail** text after completion of reproduction of **music file** .
...

...figure shows the flowchart depicting a procedure for reproducing a content of a received electronic **mail** prepared and transmitted by an electronic **mail** device.

Title Terms.../Index Terms/Additional Words: MAIL ;

Original Publication Data by Authority

Original Abstracts:
 Insertion of an attachment file identifying character code in a text of an electronic **mail** enables an electronic **mail** device to automatically **reproduce** (display) data from the attachment file during vocal reproduction of the text. When a text of a received electronic **mail** was selected and **a** vocal reproduction start key of the device was pressed, the device stores vocally readable text...

...vocally reproduce the text. On completion of reproduction of the textual portion of the electronic **mail** , the device **automatically** reproduces **music** data **of** the **attached music file** and **image data of** the **attached image file** referring to **the corresponding files** by detected reference **codes** .

 ...

...Insertion of an attachment file identifying character code in a text of an electronic **mail** enables an electronic **mail** device to automatically reproduce (**display**) data from the **attachment** file during vocal reproduction of the text. When a text of a received electronic **mail** was selected and a vocal reproduction start key **of** the device was pressed, the device stores vocally readable text data to be sent to...

...vocally reproduce the text. On completion of reproduction of the textual portion of the electronic **mail** , the device **automatically** reproduces **music** data of the attached **music file and image data** of the attached **image file referring** to **the** corresponding **files** by detected **reference codes.**
Claims:
    1. An electronic **mail** device for an **electronic mail** text with an **attachment file** attached thereto, comprising: a memory for storing the electronic **mail** text and attachment **file** ; a **display** portion for displaying **characters** and **images** ; a speaker for reproducing the attachment **file** ; **and** a character code string for representing the attachment **file** , the character code string being inserted in the electronic **mail** text to designate where the attachment file should be reproduced; wherein **when** the electronic **mail** device recognizes the character code string in the electronic **mail** text, the electronic **mail** device refers to the attachment file in the memory **and** reproduces the attachment **file** .

    ...

...What is claimed is: 1. An electronic **mail** device for an electronic **mail** text with an attachment file attached thereto, comprising: a memory for storing the electronic **mail** text and attachment **file** ; a display portion for displaying **characters** and images; a speaker **or** said display portion for reproducing the attachment **file** ; **and** a character, **a** **pictorial** symbol or **an** icon for representing the attachment **file** , the character, the **pictorial** symbol or the icon being **inserted** in the electronic **mail** text to **designate** the timing when the attachment **file** should be reproduced, the **inserted** character, **pictorial** symbol or **icon** not representing a **control** program; wherein when the electronic **mail** device recognizes the character, the **pictorial** symbol or the icon **inserted** in **the** electronic mail text is **detected** , the **electronic** mail device **discriminates** the kind of the attachment **file** in the memory and reproduces **the** attachment **file** according to the **result** of the **discrimination.**

29/5,K/33   (Item 29 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012326076 - Drawing available
WPI ACC NO: 2002-267910/ 200231
XRPX Acc No: N2002-208377
Segment sharing method for streaming video format over computer network e.g. attached to e- mail , posted on web page etc, using tags created by software modules in servers
Patent Assignee: BOISSIERE G (BOIS-I); DODGE C (DODG-I); LIWERANT G
  (LIWE-I); VIDEOSHARE INC (VIDE-N)
Inventor: BOISSIERE G; DODGE C; LIWERANT G
Patent Family (3 patents, 93 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2001067772	A2	20010913	WO 2001US7642	A	20010309	200231	B
AU 200145575	A	20010917	AU 200145575	A	20010309	200231	E
US 20020056123	A1	20020509	US 2000188082	P	20000309	200235	E
			US 2001803243	A	20010309		

Priority Applications (no., kind, date): US 2001803243 A 20010309; US
  2000188082 P 20000309

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2001067772	A2	EN	85	11	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY
  BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL
  IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO
  NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH
  GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200145575	A	EN		Based on OPI patent WO 2001067772
US 20020056123	A1	EN		Related to Provisional US 2000188082

  Alerting Abstract WO A2
  NOVELTY - An **identification** tag for the **video** segment attached to the video segment is created and stored under the control of the receiving computer in the streaming video format. The tag is returned to other computers and used to stream the video segment in the streaming video format over the network to the destination computer.
  DESCRIPTION - The **identifier** has a selected **image** , **file** handle, **storage** location, address, URL, **file** name, interactive control, control object (Component Object Model). The software modules are resident in servers (21,30,40).
  An INDEPENDENT CLAIM is also included for a computerized system for sharing video over a computer network.

USE - For streaming video format over computer network e.g. attached to e- mail , posted on web page etc.
ADVANTAGE - Users can post full motion video on a web page without detailed knowledge of required communication protocol.
DESCRIPTION OF DRAWINGS - The figure shows diagram of software modules resident on servers
21 **Mail** Server
30 Processing Server
40 Streaming Server

Title Terms/Index Terms/Additional Words: SEGMENT; SHARE; METHOD; STREAM; VIDEO; FORMAT; COMPUTER; NETWORK; ATTACH; **MAIL** ; POST; WEB; PAGE; TAG; SOFTWARE; MODULE; SERVE

Class Codes
International Classification (Main): H04N-007/173, H04N-007/24
US Classification, Issued: 725087000

File Segment: EPI;
DWPI Class: T01; W02; W04
Manual Codes (EPI/S-X): T01-N01D1B; W02-F09; W04-F01F; W04-P01
Segment sharing method for streaming video format over computer network e.g. attached to e- mail , posted on web page etc, using tags created by software modules in servers

Alerting Abstract ...NOVELTY - An **identification** tag for the **video** segment attached to the video segment is created and stored under the control of the...
DESCRIPTION - The **identifier** has a selected **image** , **file** handle, **storage** location, address, URL, **file** name, interactive control, control object (Component Object Model). The software modules are resident in servers...

...USE - For streaming video format over computer network e.g. attached to e- mail , posted on web page etc...

...21 **Mail** Server...

Title Terms.../Index Terms/Additional Words: **MAIL** ;

Original Publication Data by Authority

Original Abstracts:
...receiving computer assures that the video segment is in a streaming video format, and creates at least one **identification** tag for the **video** segment. The receiving **computer** also stores the **video** segment, and communicates **the identification** tag to another **computer** on the network. Upon subsequent receipt of that identification tag, the receiving **computer** streams the **video** segment to a destination computer on the network...

...The receiving computer assures that the video segment is in a streaming video format, and **creates** at least one **identification** tag **for the video** segment. The receiving computer **also** stores the **video segment** , and communicates the **identification** tag to another **computer** on the network. Upon **subsequent** receipt of that indentification tag, the receiving computer streams the video segment to a destination...
...segment video se presente bien sous la forme d'une sequence continue et cree au **moins** une etiquette d' **identification** pour ce segment. De plus, il stocke le segment **video** et communique l' **etiquette** d' **identification** a un autre ordinateur au sein du **reseau** . A la reception de cette **etiquette** d'identification, ce second ordinateur recepteur transmet le segment **video** en continu a un ordinateur **destinataire** au sein du reseau.

Claims:
...the receiving computer the video segment sent over the computer network
from one of the **plurality** of **other** computers; (b) performing
automatically at the receiving computer, in response to a command received
over the network, the steps...

...that the video segment is in a streaming video format; (b2) creating at
least an **identification** tag **for** the **video** segment to **identify** the
video segment; (b3) storing the **video** segment under **the** control of
the **receiving** computer in **the** streaming **video** format; and (b4)
returning the **identification** **tag** to the one of the plurality of other
computers; (c) receiving **the identification** tag at the receiving
computer; and (d) in response to the receipt of the identification tag at
the receiving computer, streaming the **video** segment **in** the streaming
video format over the network to the destination computer. ...
...

   29/5,K/35   (Item 31 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0011232566 - Drawing available
WPI ACC NO: 2002-172039/ 200222
XRPX Acc No: N2002-130743
E- mail   message transmission method through smart server system,
involves replacing multimedia element in e- mail , with reference to its
globally unique identifier
Patent Assignee: ADLER Y (ADLE-I); INCREDIMAIL LTD (INCR-N)
Inventor: ADLER Y
Patent Family (4 patents, 95 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2002008852	A2	20020131	WO 2001IL662	A	20010718	200222	B
AU 200178660	A	20020205	AU 200178660	A	20010718	200236	E
EP 1311929	A2	20030521	EP 2001956745	A	20010718	200334	E
			WO 2001IL662	A	20010718		
US 20040205133	A1	20041014	US 2000219385	P	20000719	200468	E
			WO 2001IL662	A	20010718		
			US 2003333512	A	20030415		

Priority Applications (no., kind, date): US 2003333512 A 20030415; US
   2000219385 P 20000719

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2002008852	A2	EN	22	6	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY
   BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
   IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
   NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA
   ZW
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH
   GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200178660	A	EN			Based on OPI patent WO 2002008852
EP 1311929	A2	EN			PCT Application WO 2001IL662
					Based on OPI patent WO 2002008852

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR
   IE IT LI LT LU LV MC MK NL PT RO SE SI TR

| US 20040205133 | A1 | EN | | | Related to Provisional US 2000219385 |
| | | | | | PCT Application WO 2001IL662 |

   Alerting Abstract WO A2
   NOVELTY - Several **multimedia** elements each **identified** by a globally
unique identifier, are embedded within an e- **mail**   **message** . Each

multimedia element is replaced with a reference to its globally unique identifier, and the resulting e- mail is transmitted to an intended recipient. Each identifier is replaced with corresponding multimedia element during e- mail reception.
   DESCRIPTION - An INDEPENDENT CLAIM is also included for e- mail transmitting system.
   USE - For transmitting e-mail messages containing multimedia elements that include image files , sound files and digital business cards, through smart server systems.
   ADVANTAGE - Allows for convenient indexing of multimedia elements according to the unique identifiers, that determine if a multimedia element resides on a recipient's local storage device. Hence obviates unnecessary transmission of those elements, and minimizes bandwidth and time used in the transfer of multimedia elements embedded in the e- mail message .
   DESCRIPTION OF DRAWINGS - The figure shows a block diagram of multiple hardware and software components of smart server system.

Title Terms/Index Terms/Additional Words: MAIL ; MESSAGE ; TRANSMISSION;
   METHOD; THROUGH; SMART; SERVE; SYSTEM; REPLACE; ELEMENT; REFERENCE;
   UNIQUE; IDENTIFY
Class Codes
International Classification (Main): G06F, G06F-001/00, G06F-015/16
US Classification, Issued: 709206000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-N01C; T01-N01D1; T01-N02A3B; T01-N02B1

E- mail message transmission method through smart server system, involves replacing multimedia element in e- mail , with reference to its globally unique identifier

Original Titles:
SYSTEM UND VERFAHREN ZUR INTELLIGENTEN UBERTRAGUNG VON IN E- MAIL
-NACHRICHTEN EINGEBETTETEM DIGITALEM INHALT...

...SYSTEM AND METHOD FOR INTELLIGENT TRANSMISSION OF DIGITAL CONTENT
EMBEDDED IN ELECTRONIC MAIL   MESSAGES
...

...SYSTEME ET PROCEDE DE TRANSMISSION INTELLIGENTE DE CONTENU NUMERIQUE
INCLUS DANS DES MESSAGES DE COURRIER ELECTRONIQUE...
...System and method for intelligent transmission of digital content
embedded in electronic mail   messages
...

...SYSTEM AND METHOD FOR INTELLIGENT TRANSMISSION OF DIGITAL CONTENT
EMBEDDED IN ELECTRONIC MAIL   MESSAGES
...

...SYSTEME ET PROCEDE DE TRANSMISSION INTELLIGENTE DE CONTENU NUMERIQUE
INCLUS DANS DES MESSAGES DE COURRIER ELECTRONIQUE

   Alerting Abstract ...NOVELTY - Several multimedia elements each
identified by a globally unique identifier, are embedded within an e- mail
  message . Each multimedia element is replaced with a reference to its
globally unique identifier, and the resulting e- mail is transmitted to an
intended recipient. Each identifier is replaced with corresponding
multimedia element during e- mail reception.DESCRIPTION - An INDEPENDENT
CLAIM is also included for e- mail transmitting system...

...USE - For transmitting e-mail messages containing multimedia
elements that include image   files , sound   files and digital business
cards, through smart   server systems...

...ADVANTAGE - Allows for convenient indexing of multimedia elements according to the unique identifiers, that determine if a multimedia element resides on a recipient's local storage device. Hence obviates unnecessary transmission of those...

...minimizes bandwidth and time used in the transfer of multimedia elements embedded in the e- mail message .

Title Terms/Index Terms/Additional Words: MAIL ; ...

... MESSAGE ;

Original Publication Data by Authority

Original Abstracts:
 The present invention discloses a method and system for transmitting electronic mail messages containing multimedia elements that reduces bandwidth usage and transmission time. The present invention comprises embedding one or more multimedia elements within an electronic mail message where each multimedia element is identified by a globally unique identifier . Each multimedia element contained within the electronic mail message is replaced with a reference to its globally unique identifier. The electronic mail message is transmitted to an intended recipient and the intended recipient replaces each globally unique identifier contained in the electronic mail message with the corresponding multimedia element upon receipt. The method further comprises transmitting to a smart server a listing of the globally unique identifiers for each multimedia element contained within the electronic mail message , the smart server storing multimedia elements indexed by globally unique identifier , searching to identify globally unique identifiers contained in the transmitted listing that are stored on the smart server, and transmitting to the smart server all multimedia elements not identified by the search as being stored on the smart server . The multimedia elements are retrieved by the intended recipient from the smart server and each globally unique identifier contained in the electronic mail message is replaced with its corresponding multimedia element...

    ...

...The present invention discloses a method and system for transmitting electronic mail messages containing multimedia elements that reduces bandwidth usage and transmission time. The present invention comprises embedding one or more multimedia elements within an electronic mail message where each multimedia element is identified by a globally unique identifier . Each multimedia element contained within the electronic mail message is replaced with a reference to its globally unique identifier . The electronic mail message is transmitted to an intended recipient and the intended recipient replaces each globally unique identifier contained in the electronic mail message with the corresponding multimedia element upon receipt. The method further comprises transmitting to a smart server a listing of the globally unique identifiers for each multimedia element contained within the electronic mail message , the smart server storing multimedia elements indexed by globally unique identifier , searching to identify globally unique identifiers contained in the transmitted listing that are stored on the smart server, and transmitting to the smart server all multimedia elements not identified by the search as being stored on the smart server. The multimedia elements are retrieved by the intended recipient from the smart server and each globally unique identifier contained in the electronic mail message is replaced with its corresponding multimedia element.
   ...

...La presente invention concerne un procede et un systeme de transmission de messages de courrier electronique (e- mail) contenant des elements multimedia reduisant l'utilisation de largeur de bande et le temps de transmission. La presente invention consiste a inclure un ou plusieurs elements multimedia a l'interieur d'un message de courrier electronique dans lequel chaque element multimedia est identifie par un identifiant mondialement unique. Chaque element multimedia contenu dans le message de courrier electronique est remplace par une reference a son identifiant mondialement unique. Le message de courrier electronique est transmis au destinataire voulu et le destinataire voulu remplace chaque identifiant mondialement unique contenu dans le message de courrier electronique par l'element multimedia correspondant lors de la reception. Le procede consiste egalement a transmettre a un serveur intelligent un listage des identifiants mondialement uniques pour chaque element multimedia contenu dans le message de courrier electronique, le serveur intelligent stockant des elements multimedia indexes par un identifiant mondialement unique, a chercher a identifier des identifiants mondialement uniques contenus dans le listage transmis lesquels sont stockes sur le serveur intelligent, et a transmettre au serveur intelligent tous les elements multimedia non identifies par la recherche comme etant stockes dans le serveur intelligent. Les elements multimedia sont extraits par le destinataire voulu du serveur intelligent et chaque identifiant mondialement unique contenu dans le message de courrier electronique est remplace par son element multimedia correspondant.
Claims:
What is claimed is: 1. A method for transmitting electronic mail messages containing multimedia elements that reduces bandwidth usage and transmission time, the method comprising: embedding one or more multimedia elements within an electronic mail message , each multimedia element identified by a globally unique identifier ; replacing each multimedia element contained within the electronic mail message with a reference to its globally unique identifier ; transmitting the electronic mail message to an intended recipient; and replacing each globally unique identifier contained in the electronic mail message with the corresponding multimedia element upon receipt by the intended recipient.   ...
...

Set   Items   Description
S1   115   AU=(TU E? OR TU, E?)
S2   5   AU=(NASON B? OR NASON, B?)
S3   117   S1:S2
S4   113915   ALBUM? OR PHOTOALBUM?
S5   246   S4(30N)MAIL???
S6   2   S3 AND S5
? t6/5/1

 6/5/1   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01242924   **Image available**
SYSTEM   AND   METHOD   FOR   EFFECTIVELY   PERFORMING   A   STREAMLINED   PHOTO
    DISTRIBUTION PROCEDURE
SYSTEME   ET   PROCEDE   POUR   EFFECTUER   EFFICACEMENT   UNE   PROCEDURE   DE
    DISTRIBUTION DE PHOTOS RAPIDE
Patent Applicant/Assignee:
  SONY COMPUTER ENTERTAINMENT INC, 2-6-21 Minami-Aoyama, Minato-ku, Tokyo
    107-0062, JP, JP (Residence), JP (Nationality), (For all designated
    states except: US)
Patent Applicant/Inventor:
  TU Edgar A , 919 E. Hillsdale Blvd., Foster City, CA 94404-2175, US, US
    (Residence), US (Nationality), (Designated only for: US)
  NASON Benbuck , 919 E. Hillsdale Blvd., Foster City, CA 94404-2175, US,
    US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  KOERNER Gregory J (et al) (agent), Simon & Koerner LLP, Suite B, 10052
    Pasadena Avenue, Cupertino, CA 95014, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200550516 A1 20050602 (WO 0550516)
  Application: WO 2004US36400 20041103 (PCT/WO US04036400)
  Priority Application: US 2003706157 20031112
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
  LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
  RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LU MC NL PL PT
  RO SE SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-017/60
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 11024

English Abstract
  A system and method for effectively performing a streamlined photo

distribution procedure may include a photo data source that provides
photo data to a source device in an electronic network. A source photo
manager of the source device may be utilized to designate one or more
message targets for receiving the photo data from the source device. A
source mail program may access the photo data to automatically create a
photo message that includes the photo data and photo identifier means to
request special handling of the photo data. The source mail program may
then automatically transmit the photo message over the electronic network
to be downloaded by a target mail program of a target device
corresponding to the foregoing designated message target. The target mail
program may automatically detect the photo identifier means in the photo
message, and may responsively provide the photo data to a target photo
manager of the target device for automatic storage into a target photo
album of the target device.

French Abstract
La presente invention concerne un systeme et un procede pour effectuer
efficacement une procedure de distribution de photos rapide. Le systeme
peut comprendre une source de donnees de photos qui fournit des donnees
de photos a un dispositif source dans un reseau electronique. Un
gestionnaire de photos de source du dispositif source peut etre utilise
pour designer une ou plusieurs cibles de message pour recevoir les
donnees de photos du dispositif source. Un programme de courrier de
source peut acceder aux donnees de photos afin de creer automatiquement
un message photo qui comprend les donnees de photos et des systemes
d'identification de photo permettant de demander un traitement special
des donnees de photos. Le programme de courrier de source peut ensuite
transmettre automatiquement sur le reseau electronique le message photo a
telecharger par un programme de courrier de cible d'un dispositif cible
correspondant a la cible de message precedemment designee. Le programme
de courrier de cible peut ensuite detecter automatiquement les systemes
d'identification de photo dans le message photo et peut, en reponse,
fournir les donnees de photos a un gestionnaire de photos de cible du
dispositif cible afin de les stocker automatiquement dans un album de
photos de cible du dispositif cible.

Legal Status (Type, Date, Text)
Publication 20050602 A1 with international search report.
Examination 20050728 Request for preliminary examination prior to
                      expiration of applicable time limit under Rule
                      54bis.1(a)
? t6/69/2
>>>Format 69 is not valid in file 348

 6/69/2   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0015084006 - Drawing available
WPI ACC NO: 2005-433462/200544
XRPX Acc No: N2005-351669
Streamlined photo distribution system in electronic network, automatically
creates photo message with photo data and photo identifier to request
special handling of photo data, and transmits photo message over network to
target device
Patent Assignee: NASON B (NASO-I); SONY COMPUTER ENTERTAINMENT INC (SONY)
 ; TU E A (TUEA-I)
Inventor: NASON B ; TU E A
Patent Family (2 patents, 106 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20050114459	A1	20050526	US 2003706157	A	20031112	200544	B
WO 2005050516	A1	20050602	WO 2004US36400	A	20041103	200544	E

Priority Applications (no., kind; date): US 2003706157 A 20031112

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050114459	A1	EN	22	10	
WO 2005050516	A1	EN			

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW
   BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
   HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
   MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
   TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES
   FI FR GB GH GM GR HU IE IS IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE
   SI SK SL SZ TR TZ UG ZM ZW

Alerting Abstract US A1

NOVELTY - A photo source device utilizing a source mail program,
automatically creates photo message with photo data and photo identifier to
request special handling of the photo data, and transmits photo message
over network to a designated target device. The target device utilizing a
target mail program, downloads the message and detects the photo
identifier to view of the photo data, and stores the data in the album .
DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.streamlined photo distribution method; and

2.computer readable medium storing streamlined photo distribution
  program.

USE - For distributing streamlined photo captured using camcorder,
digital camera, webcam device or cell phone with camera in electronic
network such as internet.
ADVANTAGE - Enables performing streamlined photo distribution
effectively.
DESCRIPTION OF DRAWINGS - The figure shows a flowchart explaining photo
message transmission process.

Title Terms/Index Terms/Additional Words: STREAMLINED; PHOTO; DISTRIBUTE;
   SYSTEM; ELECTRONIC; NETWORK; AUTOMATIC; MESSAGE; DATA; IDENTIFY; REQUEST;
   SPECIAL; HANDLE; TRANSMIT; TARGET; DEVICE

Class Codes

International Classification (Main): G06F-015/16, G06F-017/60
US Classification, Issued: 709207000

File Segment: EPI;
DWPI Class: T01; W02; W04
Manual Codes (EPI/S-X): T01-N01D1B; T01-S03; W02-F07M5; W04-K; W04-M01D8
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